

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	85837	titanium dioxide	US-PGPUB; USPAT	ADJ	ON	2007/07/26 09:45
S2	7812	S1 and rutile	US-PGPUB; USPAT	ADJ	ON	2007/08/14 08:24
S3	4164	S2 and phase	US-PGPUB; USPAT	ADJ	ON	2007/07/26 09:46
S4	1218	S3 and hydrolysis	US-PGPUB; USPAT	ADJ	ON	2007/07/26 09:47
S5	488	S4 and tetrachloride	US-PGPUB; USPAT	ADJ	ON	2007/07/26 09:47
S6	339	S5 and vapor	US-PGPUB; USPAT	ADJ	ON	2007/07/26 09:48
S7	29	rutile phase titanium dioxide	US-PGPUB; USPAT	ADJ	ON	2007/07/30 11:40
S8	32	"4241042"	US-PGPUB; USPAT	ADJ	ON	2007/07/30 14:49
S9	17	"6001326"	US-PGPUB; USPAT	ADJ	ON	2007/07/30 14:55
S10	29	rutile phase titanium dioxide	US-PGPUB; USPAT	ADJ	ON	2007/07/30 14:56
S11	85837	titanium dioxide	US-PGPUB; USPAT	ADJ	ON	2007/07/30 14:56
S12	186	S11 and rutile phase	US-PGPUB; USPAT	ADJ	ON	2007/07/30 14:57
S13	56	S12 and hydrolysis	US-PGPUB; USPAT	ADJ	ON	2007/07/30 14:57
S14	26	S13 and titanium tetrachloride	US-PGPUB; USPAT	ADJ	ON	2007/07/30 15:06
S15	500	(423/610).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/07/30 15:06
S18	303	S15 and titanium dioxide	US-PGPUB; USPAT	ADJ	ON	2007/07/30 15:07
S23	21	S18 and rutile phase	US-PGPUB; USPAT	ADJ	ON	2007/07/31 08:56
S24	1	("4241042").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/02 16:20
S37	1	"20020003590 A1"	US-PGPUB; USPAT	ADJ	ON	2007/07/31 08:46
S56	450	vapor phase hydrolysis	US-PGPUB; USPAT	ADJ	ON	2007/07/31 08:56
S57	39	S56 and titanium tetrachloride	US-PGPUB; USPAT	ADJ	ON	2007/07/31 13:55

## EAST Search History

S58	3	S57 and aerosol	US-PGPUB; USPAT	ADJ	ON	2007/07/31 13:09
S70	23	"82243"	US-PGPUB; USPAT; JPO	ADJ	ON	2007/07/31 13:12
S71	4	S70 and titanium	US-PGPUB; USPAT; JPO	ADJ	ON	2007/07/31 13:12
S72	450	vapor phase hydrolysis	US-PGPUB; USPAT	ADJ	ON	2007/07/31 13:55
S73	39	S72 and titanium tetrachloride	US-PGPUB; USPAT	ADJ	ON	2007/07/31 14:26
S74	2	S73 and calcining	US-PGPUB; USPAT	ADJ	ON	2007/07/31 13:56
S76	1	S73 and calcin?	US-PGPUB; USPAT	ADJ	ON	2007/07/31 14:03
S78	1	S73 and calcin????	US-PGPUB; USPAT	ADJ	ON	2007/07/31 14:26
S81	5	S73 and calcination	US-PGPUB; USPAT	ADJ	ON	2007/07/31 14:03
S84	223	"00429"	US-PGPUB; USPAT; EPO; DERWENT	ADJ	ON	2007/08/02 13:30
S85	14	"200300429"	US-PGPUB; USPAT; EPO; DERWENT	ADJ	ON	2007/08/02 13:33
S86	14	"200300429"	US-PGPUB; USPAT; FPRS; DERWENT	ADJ	ON	2007/08/02 13:34
S88	1	("4994107").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/02 16:20
S91	106	aerosol reactor	US-PGPUB; USPAT	ADJ	ON	2007/08/07 08:30
S92	103	S91 and temperature	US-PGPUB; USPAT	ADJ	ON	2007/08/07 08:31
S93	94	S92 and low	US-PGPUB; USPAT	ADJ	ON	2007/08/07 08:31
S94	19	S93 and hydrolysis	US-PGPUB; USPAT	ADJ	ON	2007/08/07 08:34
S95	36	S92 and low temperature	US-PGPUB; USPAT	ADJ	ON	2007/08/07 08:34
S97	10	S95 and hydrolysis	US-PGPUB; USPAT	ADJ	ON	2007/08/07 16:48

## EAST Search History

S98	22	("3219468"   "3364048"   "3409501"   "3512219"   "3767455"   "3856929"   "3928057"   "4050951"   "4075031"   "4214913"   "4552593"   "4927464"   "5562764"   "5599519"   "5728205"   "5730795"   "5753025"   "5922120").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/07 08:43
S99	6	("3856929"   "4214913"   "5562764"   "5599519"   "5728205"   "5730795").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/07 08:45
S100	12	("5730795").URPN.	USPAT	ADJ	ON	2007/08/07 08:46
S101	33	("20060032402"   "20060034739"   "3208866"   "3512219"   "3856929"   "3867442"   "4052222"   "4405376"   "4450012"   "4640716"   "4752340"   "4759800"   "5201949"   "5203916"   "5332433"   "5700318"   "5730795"   "5730796"   "5755870"   "5814143"   "5840112"   "5846310"   "5922120"   "5976237"   "6139617"   "6200375"   "6207131"   "6350427"   "6562314"   "6656261"   "7166157").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/07 08:47
S102	22	("3219468"   "3364048"   "3409501"   "3512219"   "3767455"   "3856929"   "3928057"   "4050951"   "4075031"   "4214913"   "4552593"   "4927464"   "5562764"   "5599519"   "5728205"   "5730795"   "5753025"   "5922120").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/07 16:00
S103	81616	calcin\$\$\$\$	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/07 16:01
S104	2552	S103 and aerosol	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/07 16:01
S105	829	S104 and hydrolysis	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/07 16:01
S106	136	S105 and low temperature	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/07 16:02
S107	48	S106 and vapor phase	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/07 16:13

## EAST Search History

S10 8	9	S103 and aerosol reactor	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/07 16:27
S10 9	1	("2005/0214200").URPN.	USPAT	ADJ	ON	2007/08/07 16:16
S11 0	26	("20050214200"   "2488439"   "2721628"   "2899278"   "3208866"   "3511308"   "3726464"   "4083946"   "4222789"   "4462979"   "4569387"   "4784841"   "4937064"   "5024827"   "5201949"   "5266108"   "5728205"   "5833892"   "6145765"   "6419893"   "6562314").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/07 16:17
S11 1	26	("20050214200"   "2488439"   "2721628"   "2899278"   "3208866"   "3511308"   "3726464"   "4083946"   "4222789"   "4462979"   "4569387"   "4784841"   "4937064"   "5024827"   "5201949"   "5266108"   "5728205"   "5833892"   "6145765"   "6419893"   "6562314").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/07 16:25
S11 2	26	("20050214200"   "2488439"   "2721628"   "2899278"   "3208866"   "3511308"   "3726464"   "4083946"   "4222789"   "4462979"   "4569387"   "4784841"   "4937064"   "5024827"   "5201949"   "5266108"   "5728205"   "5833892"   "6145765"   "6419893"   "6562314").PN. OR ("7247200").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/07 16:26
S11 7	2	aerosol reactor and "135.degree"	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/07 16:33
S11 8	29	aerosol reactor and "80.degree"	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/07 16:36
S11 9	23	aerosol reactor and "200.degree"	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/07 16:47
S12 2	0	("wo-199804500-s.did").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/07 16:51
S12 3	0	("WO-199804500-A.did").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/07 16:52
S12 4	0	("WO-199804500-A.did").PN.	DERWENT	OR	OFF	2007/08/07 16:55

## EAST Search History

S12 5	0	("1998-04500").PN.	DERWENT	OR	OFF	2007/08/07 16:56
S12 6	0	("1998-04500.ap").PN.	DERWENT	OR	OFF	2007/08/07 17:48
S12 7	4254	titanium dioxide	JPO	ADJ	ON	2007/08/07 17:49
S12 8	316	S127 and rutile	JPO	ADJ	ON	2007/08/07 17:49
S12 9	7	S128 and hydrolysis	JPO	ADJ	ON	2007/08/07 17:53
S13 0	155	423/76	US-PGPUB; USPAT	ADJ	ON	2007/08/13 14:19
S13 1	50	S130 and rutile	US-PGPUB; USPAT	ADJ	ON	2007/08/13 14:19
S13 2	10	S131 and hydrolysis	US-PGPUB; USPAT	ADJ	ON	2007/08/13 13:10
S13 3	0	S130 and vapor phase hydrolysis	US-PGPUB; USPAT	ADJ	ON	2007/08/13 14:19
S13 4	1	S130 and rutile phase	US-PGPUB; USPAT	ADJ	ON	2007/08/13 14:20
S13 5	73	S130 and titanium tetrachloride	US-PGPUB; USPAT	ADJ	ON	2007/08/13 14:20
S13 6	21	S135 and vapor phase	US-PGPUB; USPAT	ADJ	ON	2007/08/13 14:39
S13 7	157	423/612	US-PGPUB; USPAT	ADJ	ON	2007/08/13 14:46
S13 8	5	S137 and vapor phase hydrolysis	US-PGPUB; USPAT	ADJ	ON	2007/08/13 14:40
S13 9	117	S137 and titanium dioxide	US-PGPUB; USPAT	ADJ	ON	2007/08/13 14:46
S14 0	84	S139 and rutile	US-PGPUB; USPAT	ADJ	ON	2007/08/13 14:46
S14 1	52	S140 and hydrolysis	US-PGPUB; USPAT	ADJ	ON	2007/08/13 14:47
S14 2	26	S141 and vapor	US-PGPUB; USPAT	ADJ	ON	2007/08/13 15:12
S14 3	209	423/613	US-PGPUB; USPAT	ADJ	ON	2007/08/13 15:13
S14 4	137	S143 and titanium tetrachloride	US-PGPUB; USPAT	ADJ	ON	2007/08/13 15:14
S14 5	3	S144 and vapor phase hydrolysis	US-PGPUB; USPAT	ADJ	ON	2007/08/13 15:13
S14 6	44	S144 and hydrolysis	US-PGPUB; USPAT	ADJ	ON	2007/08/13 15:28

## EAST Search History

S14 7	10	S146 and dopant	US-PGPUB; USPAT	ADJ	ON	2007/08/13 15:15
S14 8	46	S144 and calcin\$\$\$\$\$\$	US-PGPUB; USPAT	ADJ	ON	2007/08/13 15:28
S14 9	33	S148 and rutile	US-PGPUB; USPAT	ADJ	ON	2007/08/13 15:35
S15 0	45	423/614	US-PGPUB; USPAT	ADJ	ON	2007/08/13 15:36
S15 1	44	S150 and temperature	US-PGPUB; USPAT	ADJ	ON	2007/08/13 15:38
S15 2	3	S151 and "150.degrees"	US-PGPUB; USPAT	ADJ	ON	2007/08/13 15:36
S15 3	1	S151 and vapor phase hydrolysis	US-PGPUB; USPAT	ADJ	ON	2007/08/13 15:39
S15 4	33	S151 and titanium tetrachloride	US-PGPUB; USPAT	ADJ	ON	2007/08/13 15:39
S15 5	8	S154 and hydrolysis	US-PGPUB; USPAT	ADJ	ON	2007/08/13 15:43
S15 6	624	106/436	US-PGPUB; USPAT	ADJ	ON	2007/08/13 15:43
S15 7	140	S156 and titanium tetrachloride	US-PGPUB; USPAT	ADJ	ON	2007/08/13 15:43
S15 8	22	S157 and low temperature	US-PGPUB; USPAT	ADJ	ON	2007/08/13 17:25
S15 9	295	106/437	US-PGPUB; USPAT	ADJ	ON	2007/08/13 17:25
S16 0	1	S159 and vapor phase hydrolysis	US-PGPUB; USPAT	ADJ	ON	2007/08/13 17:26
S16 1	101	S159 and titanium tetrachloride	US-PGPUB; USPAT	ADJ	ON	2007/08/13 17:26
S16 2	0	S160 and rutile	US-PGPUB; USPAT	ADJ	ON	2007/08/13 17:27
S16 3	69	S161 and rutile	US-PGPUB; USPAT	ADJ	ON	2007/08/13 17:27
S16 4	27	S163 and hydrolysis	US-PGPUB; USPAT	ADJ	ON	2007/08/13 17:28
S16 5	295	106/437	US-PGPUB; USPAT	ADJ	ON	2007/08/14 08:24
S16 6	1	("2721787").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/14 08:56
S16 7	1	("1931380").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/14 10:10
S16 8	1	("4574078").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/14 10:10

## EAST Search History

S16 9	1	("1842620").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/14 10:10
S17 0	1	("2968537").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/14 10:11
S17 1	1	("4803064").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/14 10:11
S17 2	0	("9-059041").PN.	JPO	OR	OFF	2007/08/15 09:19
S17 3	0	09-059041	US-PGPUB; USPAT	ADJ	ON	2007/08/15 09:20
S17 4	10	"059041"	US-PGPUB; USPAT	ADJ	ON	2007/08/15 09:21
S17 5	0	"059041"	JPO	ADJ	ON	2007/08/15 09:21
S17 6	0	09-059041	JPO	ADJ	ON	2007/08/15 09:21
S17 7	0	"059041"	JPO	ADJ	ON	2007/08/15 09:21
S17 8	0	JP09-059041	JPO	ADJ	ON	2007/08/15 09:21
S17 9	0	("0059041").PN.	JPO	OR	OFF	2007/08/15 09:21
S18 0	0	("9-059041").PN.	JPO	OR	OFF	2007/08/15 09:22
S18 1	30408	sintering	JPO	ADJ	ON	2007/08/15 09:23
S18 2	0	S181 and 150-450	JPO	ADJ	ON	2007/08/15 09:22
S18 3	77	S181 and titanium dioxide	JPO	ADJ	ON	2007/08/15 09:23
S18 4	7	S183 and rutile	JPO	ADJ	ON	2007/08/15 09:23